



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002

TIME: 16:19:57

Input Set : A:\EP.txt

Output Set: N:\CRF3\03252002\I887145.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

- 2 (i) APPLICANT: Kim, Seung U
- 3 (ii) TITLE OF INVENTION: Immortalized human microglia
- 4 cell and continuous cell line
- 5 (iii) NUMBER OF SEQUENCES: 54
- 6 (iv) CORRESPONDENCE ADDRESS:
- 7 (A) ADDRESSEE: David Prashker, Esq.
- 8 (B) STREET: P.O. Box 5387
- 9 (C) CITY: Magnolia
- 10 (D) STATE: Massachusetts
- 11 (E) COUNTRY: USA
- 12 (F) ZIP: 01930

13 (v) COMPUTER READABLE FORM:

- 14 (A) MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
- 15 (B) COMPUTER: Dell PC
- 16 (C) OPERATING SYSTEM: MS DOS
- 17 (D) SOFTWARE: Microsoft Word version 97

18 (vi) CURRENT APPLICATION DATA:

- C--> 19 (A) APPLICATION NUMBER: US/09/887,145
- C--> 20 (B) FILING DATE: 22-Jun-2001
- 21 (C) CLASSIFICATION: Unknown

22 (viii) ATTORNEY/AGENT INFORMATION:

- 23 (A) NAME: David Prashker, Esq.
- 24 (B) REGISTRATION NUMBER: 29,693
- 25 (C) REFERENCE/DOCKET NUMBER: UBC-002

26 (ix) TELECOMMUNICATION INFORMATION:

- 27 (A) TELEPHONE: (978) 525-3794

28 (2) INFORMATION FOR SEQ ID NO: 1:

29 (i) SEQUENCE CHARACTERISTICS:

- 30 (A) LENGTH: 25 base pairs
- 31 (B) TYPE: nucleic acid
- 32 (C) STRANDEDNESS: single
- 33 (D) TOPOLOGY: linear

34 (ii) MOLECULE TYPE: peptide

35 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

37 AGATTCGAGT CATGTACACA ACCCA

25

39 (2) INFORMATION FOR SEQ ID NO: 2:

40 (i) SEQUENCE CHARACTERISTICS:

- 41 (A) LENGTH: 20 base pairs
- 42 (B) TYPE: nucleic acid
- 43 (C) STRANDEDNESS: single
- 44 (D) TOPOLOGY: linear

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002
TIME: 16:19:57

Input Set : A:\EP.txt
Output Set: N:\CRF3\03252002\I887145.raw

45 (ii) MOLECULE TYPE: peptide
46 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: 20
48 GGTGCTTGGA GATCTCGAAG
50 (2) INFORMATION FOR SEQ ID NO: 3:
51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 23 base pairs
53 (B) TYPE: nucleic acid
54 (C) STRANDEDNESS: single
55 (D) TOPOLOGY: linear
56 (ii) MOLECULE TYPE: peptide
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
59 TGTGGTGTAC CCCCTCAAGT CCC 23
61 (2) INFORMATION FOR SEQ ID NO: 4:
62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 24 base pairs
64 (B) TYPE: nucleic acid
65 (C) STRANDEDNESS: single
66 (D) TOPOLOGY: linear
67 (ii) MOLECULE TYPE: peptide
68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4: 24
70 ATCCGTAACA GCCCAGAATC AGCA
72 (2) INFORMATION FOR SEQ ID NO: 5:
73 (i) SEQUENCE CHARACTERISTICS:
74 (A) LENGTH: 23 base pairs
75 (B) TYPE: nucleic acid
76 (C) STRANDEDNESS: single
77 (D) TOPOLOGY: linear
78 (ii) MOLECULE TYPE: peptide
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5: 23
81 CCAGGCCCCC GTGCTCTACT TTG
83 (2) INFORMATION FOR SEQ ID NO: 6:
84 (i) SEQUENCE CHARACTERISTICS:
85 (A) LENGTH: 24 base pairs
86 (B) TYPE: nucleic acid
87 (C) STRANDEDNESS: single
88 (D) TOPOLOGY: linear
89 (ii) MOLECULE TYPE: peptide
90 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6: 24
92 CATGTTGATG GCGTTGAGGG TGTG
94 (2) INFORMATION FOR SEQ ID NO: 7:
95 (i) SEQUENCE CHARACTERISTICS:
96 (A) LENGTH: 20 base pairs
97 (B) TYPE: nucleic acid
98 (C) STRANDEDNESS: single
99 (D) TOPOLOGY: linear
100 (ii) MOLECULE TYPE: peptide
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7: 20
103 TTCTACCCCA ATGACTGTG
105 (2) INFORMATION FOR SEQ ID NO: 8:

RECEIVED
APR 2 9 2002
OFFICE OF PETITIONS

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002
TIME: 16:19:57

Input Set : A:\EP.txt
Output Set: N:\CRF3\03252002\I887145.raw

```

106      (i) SEQUENCE CHARACTERISTICS:
107          (A) LENGTH: 20 base pairs
108          (B) TYPE: nucleic acid
109          (C) STRANDEDNESS: single
110          (D) TOPOLOGY: linear
111      (ii) MOLECULE TYPE: peptide
112      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
114 ATGTAGTAAG GCAGCCAACA                                20
116 (2) INFORMATION FOR SEQ ID NO: 9:
117      (i) SEQUENCE CHARACTERISTICS:
118          (A) LENGTH: 20 base pairs
119          (B) TYPE: nucleic acid
120          (C) STRANDEDNESS: single
121          (D) TOPOLOGY: linear
122      (ii) MOLECULE TYPE: peptide
123      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
125 ACCATGGCTC TCTGCAACCA                                20
127 (2) INFORMATION FOR SEQ ID NO: 10:
128      (i) SEQUENCE CHARACTERISTICS:
129          (A) LENGTH: 20 base pairs
130          (B) TYPE: nucleic acid
131          (C) STRANDEDNESS: single
132          (D) TOPOLOGY: linear
133      (ii) MOLECULE TYPE: peptide
134      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
136 TTAAGAAGAG TCCCACAGTG                                20
138 (2) INFORMATION FOR SEQ ID NO: 11:
139      (i) SEQUENCE CHARACTERISTICS:
140          (A) LENGTH: 20 base pairs
141          (B) TYPE: nucleic acid
142          (C) STRANDEDNESS: single
143          (D) TOPOLOGY: linear
144      (ii) MOLECULE TYPE: peptide
145      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
147 CCTGCTGCTT TTCTACACC                                20
149 (2) INFORMATION FOR SEQ ID NO: 12:
150      (i) SEQUENCE CHARACTERISTICS:
151          (A) LENGTH: 21 base pairs
152          (B) TYPE: nucleic acid
153          (C) STRANDEDNESS: single
154          (D) TOPOLOGY: linear
155      (ii) MOLECULE TYPE: peptide
156      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
158 CACCTAATAC AATAACACGG C                                21
160 (2) INFORMATION FOR SEQ ID NO: 13:
161      (i) SEQUENCE CHARACTERISTICS:
162          (A) LENGTH: 20 base pairs
163          (B) TYPE: nucleic acid
164          (C) STRANDEDNESS: single

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002

TIME: 16:19:57

Input Set : A:\EP.txt

Output Set: N:\CRF3\03252002\I887145.raw

165 (D) TOPOLOGY: linear
 166 (ii) MOLECULE TYPE: peptide
 167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 20
 169 ATAGCAGCCA CCTTCATTCC
 171 (2) INFORMATION FOR SEQ ID NO: 14:
 172 (i) SEQUENCE CHARACTERISTICS:
 173 (A) LENGTH: 20 base pairs
 174 (B) TYPE: nucleic acid
 175 (C) STRANDEDNESS: single
 176 (D) TOPOLOGY: linear
 177 (ii) MOLECULE TYPE: peptide
 178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14: 20
 180 TTCCCAAGT CTCTGTATCT
 182 (2) INFORMATION FOR SEQ ID NO: 15:
 183 (i) SEQUENCE CHARACTERISTICS:
 184 (A) LENGTH: 20 base pairs
 185 (B) TYPE: nucleic acid
 186 (C) STRANDEDNESS: single
 187 (D) TOPOLOGY: linear
 188 (ii) MOLECULE TYPE: peptide
 189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15: 20
 191 AAAAGCTTGG TGATGTCTGG
 193 (2) INFORMATION FOR SEQ ID NO: 16:
 194 (i) SEQUENCE CHARACTERISTICS:
 195 (A) LENGTH: 19 base pairs
 196 (B) TYPE: nucleic acid
 197 (C) STRANDEDNESS: single
 198 (D) TOPOLOGY: linear
 199 (ii) MOLECULE TYPE: peptide
 200 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16: 19
 202 TTTCAACACG CAGGACAGG
 204 (2) INFORMATION FOR SEQ ID NO: 17:
 205 (i) SEQUENCE CHARACTERISTICS:
 206 (A) LENGTH: 20 base pairs
 207 (B) TYPE: nucleic acid
 208 (C) STRANDEDNESS: single
 209 (D) TOPOLOGY: linear
 210 (ii) MOLECULE TYPE: peptide
 211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17: 20
 213 ATGGTTGCTG TCTCATCAGC
 215 (2) INFORMATION FOR SEQ ID NO: 18:
 216 (i) SEQUENCE CHARACTERISTICS:
 217 (A) LENGTH: 20 base pairs
 218 (B) TYPE: nucleic acid
 219 (C) STRANDEDNESS: single
 220 (D) TOPOLOGY: linear
 221 (ii) MOLECULE TYPE: peptide
 222 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18: 20
 224 CTGGAGCATT TACTGCTGGA

RECEIVED

APR 2 9 2002

OFFICE OF PETITIONS

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002

TIME: 16:19:57

Input Set : A:\EP.txt

Output Set: N:\CRF3\03252002\I887145.raw

226 (2) INFORMATION FOR SEQ ID NO: 19:
 227 (i) SEQUENCE CHARACTERISTICS:
 228 (A) LENGTH: 21 base pairs
 229 (B) TYPE: nucleic acid
 230 (C) STRANDEDNESS: single
 231 (D) TOPOLOGY: linear
 232 (ii) MOLECULE TYPE: peptide
 233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
 235 ATGAGCCGCC TGCCCGTCCT G 21
 237 (2) INFORMATION FOR SEQ ID NO: 20:
 238 (i) SEQUENCE CHARACTERISTICS:
 239 (A) LENGTH: 29 base pairs
 240 (B) TYPE: nucleic acid
 241 (C) STRANDEDNESS: single
 242 (D) TOPOLOGY: linear
 243 (ii) MOLECULE TYPE: peptide
 244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
 246 AAGATCGCGA GGCTCAAAGT CGTCTGTG 29
 248 (2) INFORMATION FOR SEQ ID NO: 21:
 249 (i) SEQUENCE CHARACTERISTICS:
 250 (A) LENGTH: 20 base pairs
 251 (B) TYPE: nucleic acid
 252 (C) STRANDEDNESS: single
 253 (D) TOPOLOGY: linear
 254 (ii) MOLECULE TYPE: peptide
 255 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
 257 GACACAAGTG CAATATCACC 20
 259 (2) INFORMATION FOR SEQ ID NO: 22:
 260 (i) SEQUENCE CHARACTERISTICS:
 261 (A) LENGTH: 20 base pairs
 262 (B) TYPE: nucleic acid
 263 (C) STRANDEDNESS: single
 264 (D) TOPOLOGY: linear
 265 (ii) MOLECULE TYPE: peptide
 266 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
 268 AAGTTTTCCA ACGTACTCTG 20
 270 (2) INFORMATION FOR SEQ ID NO: 23:
 271 (i) SEQUENCE CHARACTERISTICS:
 272 (A) LENGTH: 25 base pairs
 273 (B) TYPE: nucleic acid
 274 (C) STRANDEDNESS: single
 275 (D) TOPOLOGY: linear
 276 (ii) MOLECULE TYPE: peptide
 277 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
 279 GAGGATGCTT CTGCATTGA GTTTG 25
 281 (2) INFORMATION FOR SEQ ID NO: 24:
 282 (i) SEQUENCE CHARACTERISTICS:
 283 (A) LENGTH: 28 base pairs
 284 (B) TYPE: nucleic acid

RECEIVED

APR 29 2002

OFFICE OF PETITIONS

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002

TIME: 16:19:58

Input Set : A:\EP.txt

Output Set: N:\CRF3\03252002\I887145.raw

L:19 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:20 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

RECEIVED

APR 2 9 2002

OFFICE OF PETITIONS